L. K. Smith

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KEY

TO

SUBJECT INDEX.

The Domain of Physics is divided into eight Main Classes (Ex. gr. **GENERAL PHYSICS**). Each of these Classes is, in general, divided into a number of Sections the titles of which are known as Key-Headings (Ex. gr. **Elasticity and Plasticity**). The Key-Headings are shown arranged in alphabetical order in their classes in the Key which follows below; and the papers in the Index are collected under their appropriate Key-Headings, these Key-Headings being arranged in alphabetical order throughout the whole Index.

Each group of papers under a Key-Heading is divided into a number of sub-groups which are characterised by Sub-Headings (Ex. gr. under the Key-Heading **Elasticity and Plasticity**, one sub-group of papers appears under the Sub-Heading "Elasticity of Crystals"). The list of Sub-Headings is given immediately under its Key-Heading in the main body of the Index, thus providing a conspectus of the manner of subdivision of each key-group of papers.

The general form of entry of a paper consists of its full Title, the Author's Name and the Abstract Number assigned to the paper, the sequence of the entries under any Sub-Heading being the order of publication of the Abstracts as indicated by their Abstract Numbers.

For electrical papers of essentially technical interest the reader should refer to "Science Abstracts, Section B (Electrical Engineering)."

GENERAL PHYSICS.

Adsorption.
Atomic and Molecular Structure.
Colloids.
Crystal Structure and Properties.
Density.
Diffusion and Osmosis.
Elasticity and Plasticity.
Gravitation.
Hydrodynamics and Aerodynamics.
Kinetic Theory of Matter.
Length (Standards, Measurements, Apparatus).
Mass (Standards, Measurements, Apparatus).
Mathematical Methods. Theory of Measurements. Units and Dimensions.
Mechanics, Classical.
Mechanics, Quantum.
Relativity and Ether.
Solution.
Surface Tension and Cohesion.
Time (Standards, Measurements, Apparatus).
Vacua, High.
Viscosity. Friction and Lubrication.

ASTRONOMY AND ASTROPHYSICS.

Astronomical Apparatus and Observatory Equipment.
Comets and Meteors.
Cosmogony.
Dynamical Problems (Astronomical).
Latitude and Longitude.
Nebulæ.
Planets.
Stars.
Sun.
Zodiacal Light and Gegenschein.

GEOPHYSICS.

Geodesy.
Geophysics, Applied.
Hydrosphere, Physics of the.
Land, Physics of the.
Meteorology.
Seismology.
Terrestrial Electricity and Magnetism.

RADIOACTIVITY.

All Abstracts relating to this subject are indexed under Radioactivity.

RADIATION.

Absorption and Transmission.
Colorimetry.
Electro-Optical and Magneto-Optical Effects.
Fluorescence and Phosphorescence. Luminescence and Afterglow.
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Photochemistry (including Photography).
Photometry.
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Radiation, Emission.
Radiation, General Theory.
Radiation, Mechanical Effects.
Reflection. Refraction and Dispersion.
Spectroscopy.
Velocity of Light.
Vision.
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HEAT.

Calorimetry.
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ACOUSTICS.

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ELECTRICITY AND MAGNETISM.

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2. Infra-Red Region.
3. Ultra-Violet Region.
4. Apparatus and Technique.
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    (*c*) Optical Properties.
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4. Rain, Snow, Dew, Cloud, Fog, Moisture, Dust.
5. Climatology.
6. Optical Phenomena (Aurora, Night Sky, Corona, Halo, etc.).
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8. Unclassified.

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